

station using a waveform encoded with a second code; and receiving at the mobile station the signals transmitted on the first frequency from the first and second base stations and decoding the signals using the first and second codes to produce a first and second demodulated signal. The first code can, for example, include a first base station code combined with a first access code. Similarly, the second code can, for example, include a second base station code combined with a second access code. According to other exemplary embodiments of the present invention, the method of transferring can include, for example, error correcting by performing diversity selection of symbols from first and second demodulation symbols.

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According to still another exemplary embodiment of the present invention, a method of transferring communication with a mobile station from a first to a second base station comprises the steps of: decoding, at the mobile station, signals received simultaneously from the at least two base stations on a first frequency and quantifying their relative signal strengths; transmitting a signal from the mobile station indicating the relative signal strengths; receiving at one of the at least two base stations the signal indicative of signal strengths and sending the signal to a network controller; and processing the indicated signal strengths in the network controller and selecting one of the at least two base stations to maintain communication with the mobile station. According to another exemplary embodiment of the present invention, a network controller commands a selected

base station to initiate a transmission to the mobile station using an access code including, for example, a base station code and a traffic channel code.

According to still another exemplary embodiment of the present invention, a method for transferring communication with a mobile station from a first to a second base station comprises the steps of: transmitting traffic on a first frequency from the first base station to the mobile station using a waveform encoded with a first code; transmitting a control message on the first frequency from the first base station to the mobile station using a waveform encoded with a second code; sending a transfer indication from the first base station via a fixed network to the second base station; upon receipt of the indication, transmitting a signal on the first frequency from the second base station to the mobile station using a waveform encoded with a third code; and receiving at the mobile station the signals transmitted on the first frequency from the first and second base station and decoding these signals using the first, second and third codes to obtain a first demodulated traffic signal, a decoded control message and a second demodulated traffic signal.--

Page 4, line 10, delete "allocated".

Page 5, line 6, delete "Application Serial" and insert --No. 5,151,919-- therefor.

Page 5, line 7, delete "No. 07/628,359".